

Unit Two Study Sheet

Distributive Property: For every real number a, b and c:

$$a(b + c) = \underline{\hspace{2cm}}$$

$$a(b - c) = \underline{\hspace{2cm}}$$

$$(b + c)a = \underline{\hspace{2cm}}$$

$$(b - c)a = \underline{\hspace{2cm}}$$

Distributive Property Examples:

$$2(y - 3) = \underline{\hspace{2cm}} \quad -(-5x + 8) = \underline{\hspace{2cm}}$$

$$5(809) = 5(800 + 9) = 5(\underline{\hspace{1cm}}) + 5(\underline{\hspace{1cm}}) = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

Definition of Coefficient:

Definition of Like Terms:

Combining Like Terms with Exponents:

When you combine like terms with , you only add the . DO NOT CHANGE THE .

If a term has more than one , its like term has the same with the same in the same .

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